

# STEERING COMMITTEE MEETING NOTES

GTL Steering Committee Minutes September 3, 2003

## Attendees:

Nancy Slater, Terry Hazen, Anup Singh, Judy Wall, David Stahl, Jay Keasling, Vince Martin, Eric Alm, Martin Keller, Joe Zhou

## Discussion Topics:

- Posters and Presentations from the Retreat are posted on the VIMSS site
- Email message group reminder: Nancy will send the complete list of email groups to everyone (following)

[gtl@vimss.lbl.gov](mailto:gtl@vimss.lbl.gov) (Entire GTL group)

[gtl-pi@vimss.lbl.gov](mailto:gtl-pi@vimss.lbl.gov) (GTL PIs only)

[gtl-aemc@vimss.lbl.gov](mailto:gtl-aemc@vimss.lbl.gov) (GTL Applied Environmental Microbiology Core)

[gtl-fgc@vimss.lbl.gov](mailto:gtl-fgc@vimss.lbl.gov) (GTL Functional Genomics Core)

[gtl-cc@vimss.lbl.gov](mailto:gtl-cc@vimss.lbl.gov) (GTL Computational Core)

- Discussion of financial information (year-end and FY04 forecasts): Please send any updates regarding FY03 expenditures and FY04 forecasts to Nancy.
- Status of publications
  1. Salt Stress paper by Jizhong Zhou (early October completion): Draft is complete – they are waiting for updated information from Eric
  2. pH Stress paper by Jizhong Zhou (early October completion): Draft is complete – they are waiting for updated information from Eric
  3. Temperature Stress paper by Jizhong Zhou (early October completion): Draft is complete – they are waiting for updated information from Eric
  4. Oxidative Stress paper by Jizhong Zhou (December completion)
  5. Biofilms verses planktonic cell growth paper by David Stahl: Terry and David are going to rough out an outline
  6. Nature Insight paper by Adam Arkin (November completion)
  7. Characterization of microbial communities under the stressful conditions of nitrate, heavy metals, and acidic pH by Mathew Fields (late November completion)

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8. Review of metabolomics paper by Vince Martin (January 04 completion)
  9. Oxygen stress in *Desulfovibrio vulgaris* by Hoi-Ying Holman (October completion):  
Hoi-Ying is working with Carolyn Larabell on an Xray tomography paper
  10. Review by Terry Hazen
  11. Research paper by Lihong Sun (late December completion)
  12. Proteomics, 2D-Gel and O<sub>2</sub> Stress paper by Anup and Diversa (late December completion)
  13. Protease Heat Shock paper by Anup and Diversa (late December completion)
- Templates for posters and presentations
  - Please review the Project Schedule on the VIMSS site and send updates to Nancy
  - Terry's cell production and growth curves: The Hazen Lab is experiencing a 36-hour lag prior to log growth. Judy recommended adding vitamins; Terry will try this and recreate his growth curves. Terry has the Judy's vitamin vendor information.
  - Terry uses porous tubing to spare the cells – this tubing is autoclavable and allows large surface area sparging. He will send the vendor information to anyone who wants it.
  - Terry should have cells within the next week. Anup will send someone to LBL to pick up the cells; Vince will meet to discuss the Keasling cells; Martin Keller wants his cells flash frozen and shipped; Joe needs  $5 \times 10^9$  cells
  - The stressed cells will be sampled at time zero then increments of time after that (Terry will document this and ship samples with bar code labels).
  - Adam's Comparative Microbial Genomics Database
  - Judy's communication with John Heidelberg regarding the *D. vulgaris* paper (John shared his new *vulgaris* gene models with us, but we are still waiting for the new genomic assembly)